

Image may be representation.
See specifications for product details.



NCV78763DQ6AR2G

Manufacturer Part Number **NCV78763DQ6AR2G**

Manufacturer **onsemi**

Allelco Part Number **32D-NCV78763DQ6AR2G**

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC LED DRV RGLTR PWM 1.6A 36SSOP**

Package **36-BFSOP (0.295", 7.50mm Width) Exposed Pad**

Data sheet [Cylindrical Battery Holders.pdf](#)

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RoHs Status **ROHS3 Compliant**

Get a Quote

NCV78763DQ6AR2G - onsemi.New Original in Stock. Download Linear Technology NCV78763DQ6AR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV78763DQ6AR2G, please send us email: info@allelco.com

Specifications

NCV78763DQ6AR2G Tech Specifications
NCV78763DQ6AR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply (Min)	4V	Number of Outputs	2
Voltage - Supply (Max)	40V	Mounting Type	Surface Mount
Voltage - Output	-	Internal Switch(s)	Yes
Type	DC DC Regulator	Frequency	-
Topology	Step-Down (Buck), Step-Up (Boost)	Dimming	PWM
Supplier Device Package	36-SSOP-EP	Current - Output / Channel	1.6A
Series	-	Base Product Number	NCV78763
Package / Case	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	Applications	Automotive
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV78763DQ6AR2G

Product Attribute				
Part Number	NCV78763DQ6AR2G	NCV78763MW4R2G	NCV78723MW2R2G	NCV78763DQ0BR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	36-BFSOP (0.295", 7.50mm Width) Exposed Pad	32-VFQFN Exposed Pad	24-VQFN Exposed Pad	36-BFSOP (0.295", 7.50mm Width) Exposed Pad
Mounting Type	Surface Mount	Surface Mount	Surface Mount, Wettable Flank	Surface Mount
Supplier Device Package	36-SSOP-EP	32-QFN (5x5)	24-QFNW (5x5)	36-SSOP-EP
Voltage - Supply (Max)	40V	40V	3.6V	40V
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Topology	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)
Base Product Number	NCV78763	NCV78763	NCV78723	NCV78763
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Output / Channel	1.6A	1.6A	1.6A	1.6A
Voltage - Supply (Min)	4V	4V	3.05V	4V
Number of Outputs	2	2	2	2
Frequency	-	8MHz	10MHz	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Dimming	PWM	PWM	Analog, PWM	PWM
Voltage - Output	-	-	6V ~ 67V	-
Internal Switch(s)	Yes	Yes	Yes	Yes
Applications	Automotive	Automotive	Automotive	Automotive
Type	DC DC Regulator	DC DC Regulator	DC DC Regulator	DC DC Regulator

NCV78763DQ6AR2G Datasheet PDF

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Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

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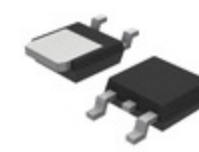

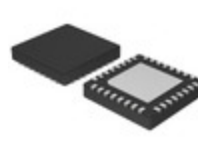



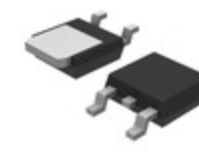
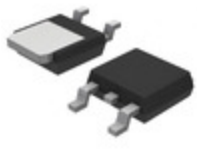

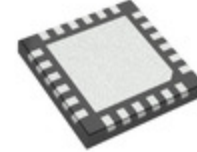
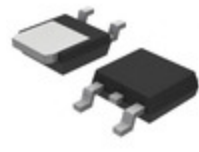

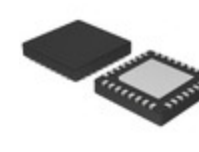
[Material Declaration NCV78763DQ6AR2G.pdf](#)

HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

Customers Also Interested in

Recommended Products

 NCV7809BD2TR4G onsemi IC REG LINEAR 9V 1A D2PAK	 NCV78L05ABDR2 onsemi IC REG LINEAR 5V 100MA 8SOIC	 NCV78L05ABDR2G onsemi IC REG LINEAR 5V 100MA 8SOIC	 NCV7812BTG onsemi IC REG LINEAR 12V 1A TO220AB	 NCV78L08ABDR2G onsemi IC REG LINEAR 8V 100MA 8SOIC	 NCV78M05BDTRKG onsemi IC REG LINEAR 5V 500MA DPAK
 NCV78L15ABDR2G onsemi IC REG LINEAR 15V 100MA 8SOIC	 NCV78763MW4R2G onsemi IC LED DRVR RGLTR PWM 1.6A 32QFN	 NCV78723MW2R2G onsemi IC LED DRVR RGLTR PWM 1.6A 24QFN	 NCV78763DQ0BR2G onsemi IC LED DRV RGLTR PWM 1.6A 36SSOP	 NCV78825DQ0R2G onsemi NCV78825DQ0R2G	 NCV7808BDTRKG onsemi IC REG LINEAR 8V 1A DPAK
 NCV78M05ABDRKG onsemi IC REG LINEAR 5V 500MA DPAK	 NCV78763DQ9R2G onsemi IC LED DRV RGLTR PWM 1.6A 36SSOP	 NCV78723MW0R2G onsemi IC LED DRVR RGLTR PWM 1.6A 24QFN	 NCV7808BDTGT onsemi IC REG LINEAR 8V 1A DPAK	 NCV7812BD2TR4G onsemi IC REG LINEAR 12V 1A D2PAK	 NCV78763MW0R2G onsemi IC LED DRVR RGLTR PWM 1.6A 32QFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

- > Use your express account for shipment if you have one.
 - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

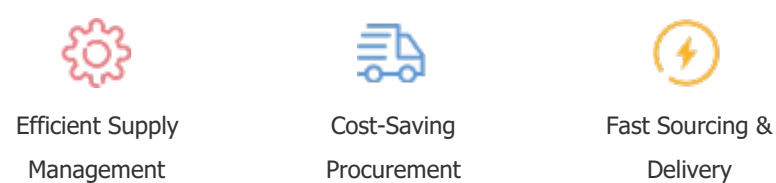
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

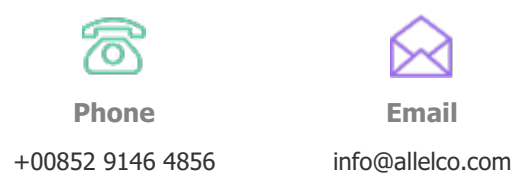
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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